

AMENDMENT AND RESPONSE TO OFFICE ACTION
U.S. Serial No. 10/626,133

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) An apparatus comprising a housing for an emergency unit luminaire, the housing comprising (a) a concavity integrally formed in an outer surface of the housing, wherein the concavity is configured to interchangeably receive a movable optical assembly and a fixed optical assembly; and (b) first and second openings along an outer periphery of the concavity, wherein the first opening is positioned generally opposite the second opening and the first and second openings are configured for receiving at least a portion of a fixed optical assembly by snap fit.

2. (Currently Amended) The apparatus of claim 1, wherein the concavity includes a third ~~first~~ opening configured to receive a portion of a movable optical assembly ~~and a second opening spaced apart and differently sized than the first opening and configured to receive a portion of a fixed optical assembly.~~

3. (Previously Presented) The apparatus of claim 1, wherein the housing further comprises a front portion and a back portion that are releasably coupled, wherein the

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front portion and back portion, when coupled, define a chamber that contains operational components of the luminaire.

4. (Previously Presented) The apparatus of claim 3, wherein the front portion and the back portion are unitary structures formed of a plastic material.

5. (Previously Presented) The apparatus of claim 4, wherein the front portion and the back portion snap fit together.

6. (Currently Amended) ~~The apparatus of claim 4, wherein:~~ An apparatus comprising a housing for an emergency unit luminaire, the housing comprising:

a concavity integrally formed in an outer surface of the housing, wherein the concavity is configured to interchangeably receive a movable optical assembly and a fixed optical assembly;

a front portion and a back portion that are releasably coupled, wherein the front portion and back portion, when coupled, define a chamber that contains operational components of the luminaire; and

wherein the front portion and the back portion are unitary structures formed of a plastic material; the front portion includes sloped projections extending from an interior surface of the front portion; the back portion includes receiving projections extending from

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an interior surface of the back portion; and surfaces of the sloped projections bias against surfaces of the receiving projections upon engagement of the front portion and the back portion to transfer weight associated with the front portion and the operational components to a structure of a building to which the back portion is mounted.

7. (Previously Presented) The apparatus of claim 3, wherein:

the front portion receives a printed circuit board that includes projections carrying electrical contact pads; and

the back portion mounts electrical contacts that are connected to a source of power external of the housing and, upon engagement of the front portion and the back portion, the back portion guides the projections of the printed circuit board into engagement with the electrical contacts to form at least a portion of an electrical circuit.

8. (Previously Presented) The apparatus of claim 1, wherein the housing further comprises a test mechanism that tests the status of operational components of the luminaire, the test mechanism including:

a light-transmissive push button extending through an opening in the housing;

a light-transmissive base operable with the push button, wherein the base carries light from a light emitting diode on a printed circuit board inside the housing; and

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an element that engages a test switch on the printed circuit board upon depression of the push button to initiate a test sequence.

9. (Previously Presented) The apparatus of claim 8, wherein the push button, the base, and the element are integrally formed.

Claims 10-20 (cancelled)

21. (Previously Presented) The apparatus of claim 1, wherein the concavity is angled downward.

22. (Previously Presented) A housing for an emergency unit luminaire, the housing comprising:

a concavity configured for interchangeable mounting of a movable optical assembly and a fixed optical assembly;

wherein the concavity comprises a larger central opening configured to receive a portion of a fixed optical assembly and a second, smaller opening spaced apart from the central opening, the second opening configured to receive a portion of a movable optical assembly.

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23. (Previously Presented) The housing of claim 22, wherein the smaller opening is on a planar flat.

24. (Previously Presented) The housing of claim 23, wherein the concavity further comprises a third opening opposite the second opening, the second and third openings configured for snap fitting a lens of the fixed optical assembly into the concavity.

Claim 25 (cancelled)

26. (Previously Presented) The housing of claim 22, further comprising:
a front portion of the housing including sloped projections extending from an interior surface of the front portion;
a back portion of the housing including receiving projections extending from an interior surface of the back portion; and
surfaces of the sloped projections bias against surfaces of the receiving projections upon engagement of the front portion and the back portion to transfer weight associated with the front portion and the operational components to a structure of a building to which the back portion is mounted.

27. (Previously Presented) The housing of claim 22, further comprising:

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a front portion of the housing that receives a printed circuit board, the printed circuit board including projections carrying electrical contact pads; and

a back portion of the housing that mounts electrical contacts that are connected to a source of power external to the housing;

wherein, upon engagement of the front portion and the back portion, the back portion guides the projections of the printed circuit board into engagement with the electrical contacts to form at least a portion of an electrical circuit.

Claim 28 (cancelled)

29. (Previously Presented) The apparatus of claim 1, wherein the concavity is shaped such that a lens of a fixed optical assembly mates with the shape of the concavity when the fixed optical assembly is installed therein.

30. (Previously Presented) The apparatus of claim 1, wherein the concavity forms a generally semi-spherical surface that mates with a generally spherical movable optical assembly when mounted in the concavity and that mates with a fixed optical assembly when mounted in the concavity such that the fixed optical assembly does not protrude from the generally elliptical shape of a front portion of the housing.